



**FAG**

**NJ2214-E-XL-M1** [↗](#)

Zylinderrollenlager

Cylindrical roller bearing NJ..-E-XL-M1, with cage, single row, semi-locating bearing, 2 ribs on outer ring, 1 rib on inner ring, type NJ

X-life

Technische Informationen



Ihre aktuelle Produktvariante

Design	E	Increased Capacity Design
Cage	M1	Two Piece Brass Cage Roller Guided
Radialluft	CN (Gruppe N)	Lagerluft normal
Toleranzklasse	PN	Normal (ISO 492:2023)
Anzahl Wälzkörper-Reihen	1	Einreihig

Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	125 mm	Outside diameter
B	31 mm	Width
C <sub>r</sub>	185.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	195.000 N	Basic static load rating, radial
C <sub>ur</sub>	36.000 N	Fatigue load limit, radial
n <sub>G</sub>	10.100 1/min	Limiting speed
n <sub>gr</sub>	3.850 1/min	Reference speed
m	1,69 kg	Gewicht



**Mounting dimensions**

$d_{a \text{ min}}$	79 mm	Minimum diameter shaft shoulder
$d_{a \text{ max}}$	82 mm	Maximum diameter of shaft shoulder
$D_{a \text{ max}}$	116 mm	Maximum diameter of housing shoulder
$d_{c \text{ min}}$	92 mm	Minimum shaft shoulder
$r_{a \text{ max}}$	1,5 mm	Maximum recess radius

**Dimensions**

$r_{\text{min}}$	1,5 mm	Minimum chamfer dimension
$r_{1 \text{ min}}$	1,5 mm	Minimum chamfer dimension
s	1,6 mm	Axial displacement
E	113,5 mm	Raceway diameter outer ring
F	83,5 mm	Raceway diameter inner ring
$D_{1 \text{ min}}$	109,36 mm	Minimum rib diameter outer ring
$d_1$	89,4 mm	Maximum rib diameter inner ring

**Temperature range**

$T_{\text{min}}$	-30 °C	Operating temperature min.
$T_{\text{max}}$	150 °C	Operating temperature max.

**Additional information**

HJ2214-E L-washer

**Eigenschaften**

- Radiale Last
- Axiale Last aus einer Richtung
- Fettschmierung
- Ölschmierung
- Nicht abgedichtet